PROJECT REFERENCE NO.	SHEET NO.
R-4903	UC-11
DESIGNED BY: BCH	
DRAWN BY: BCH	
CHECKED BY: JLT	
APPROVED BY: MRB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX:(919)250-4151	

NORTH CAROLINA PROFESSIONAL SEAL 30499 ENGINEER BOBBY C. HOUSER

9/29/2014 Bobby C. Houser

UTILITY CONSTRUCTION PLANS ONLY

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

NO UTILITY CONSTRUCTION THIS SHEET.

UTILITY OWNERS THIS PROJECT:

1) BLADEN COUNTY
UTILITY: WATER
CONTACT: RANDY GARNER
(910)862-6996

2) CITY OF ELIZABETHTOWN
UTILITY: WATER AND SEWER
CONTACT: MIKE HAYES
(910)862-2035 EXT.226

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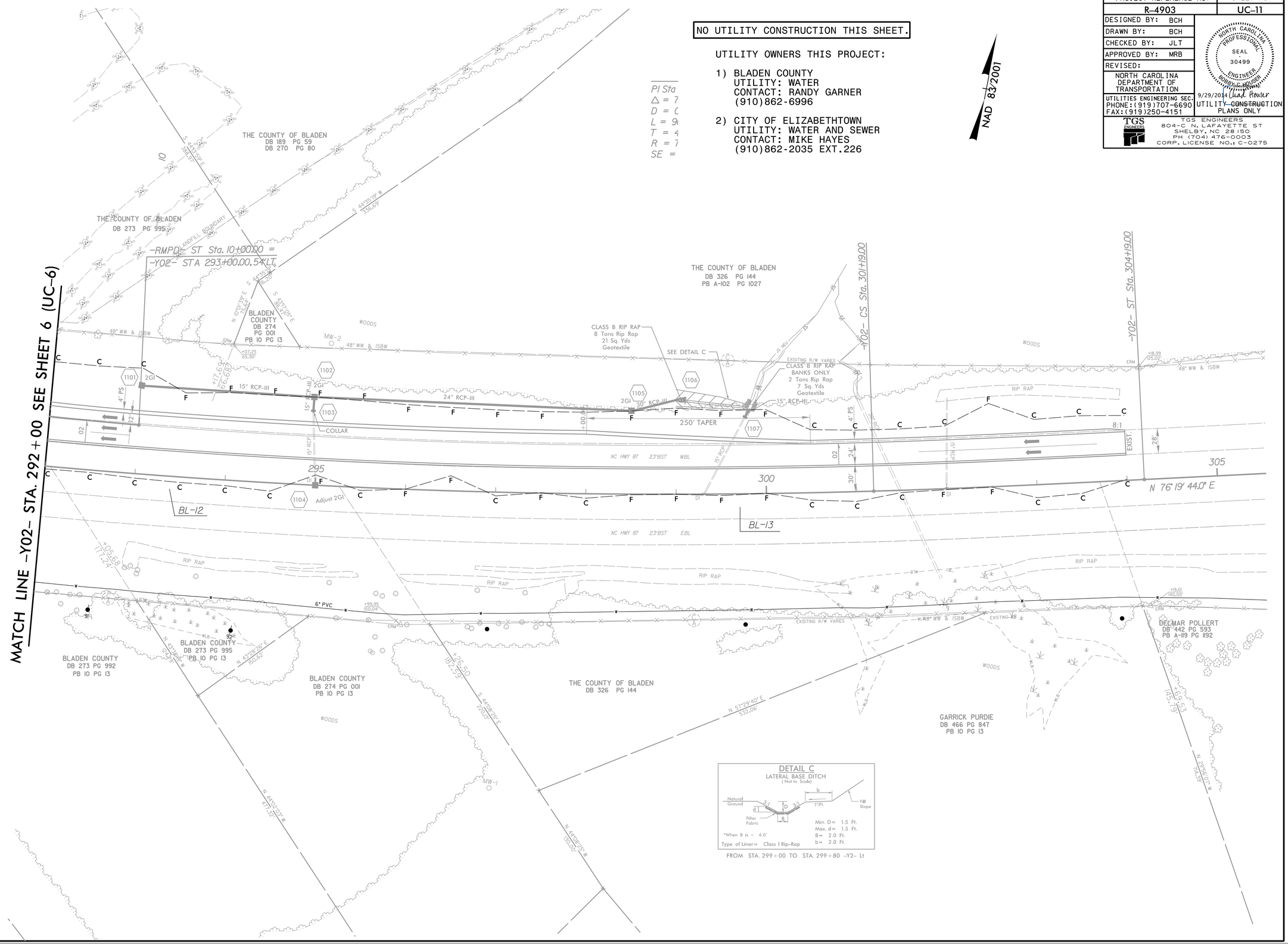
D = 0
L = 9
T = 4
R = 7
SE =

NAD 83/2001



DETAIL C
LATERAL BASE DITCH
(Not to Scale)

Natural Ground
Filter Fabric
Fill Slope
1½Ft.

*When B is < 6.0'

Type of Liner= Class I Rip-Rap

Min. D= 1.5 Ft.
Max. d= 1.5 Ft.
B= 2.0 Ft.
b= 2.0 Ft.

FROM STA. 299+00 TO STA. 299+80 -Y2- Lt

5/14/99

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